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6297 SPRING 1899.

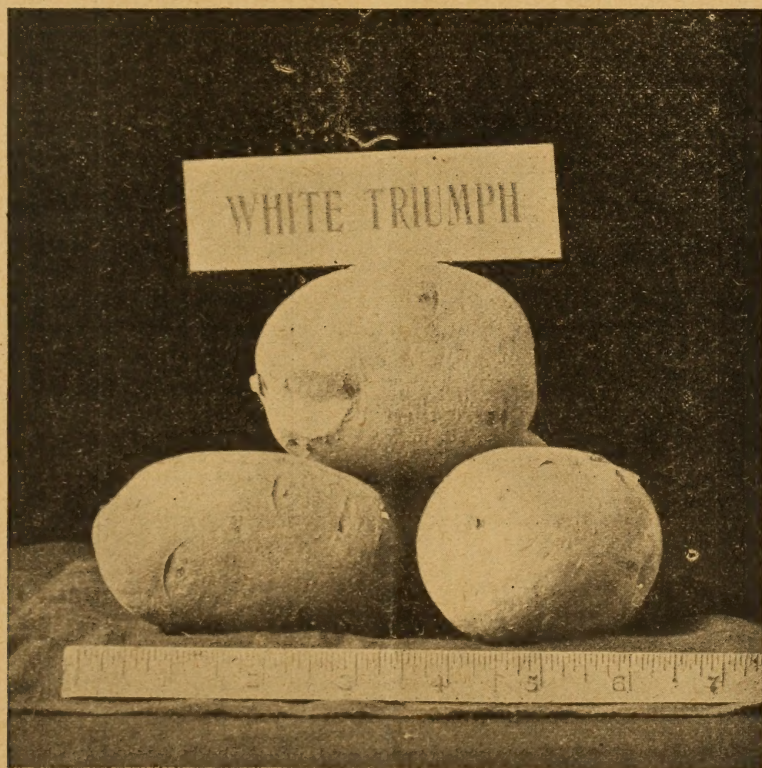
J. M. SMITH'S SONS.

ILLUSTRATED CATALOGUE

OF

NORTHERN GROWN

SEED POTATOES AND PLANTS.



GREEN BAY TRIUMPH.

See Page 4.

GREEN BAY, WISCONSIN.

Freight Rates On Potatoes In Bbls. From Green Bay.

TO	Per cwt. in barrels.	
	C. & N. W.	St. P.
Milwaukee, Wis.....	\$.16	\$
Sheboygan, Wis.....	.16	
Janesville, Wis.....	.20	.20
Bridgeport, Wis.....	C. M. & St. P. only	.23
Ashland, Wis.....	.28	.28
Hudson, Wis.....	.25	
Detroit, Mich.....	.19 via Manitowoc	.35
Jackson, Mich.....	.19 " "	.34
Kalamazoo, Mich.....	.19 " "	.32½
Chicago, Ill.....	.20	.20
E. St. Louis, Ill.....	.26	.36
Freeport, Ill.....	.20	.20
Springfield, Ill.....	.26	.36
Cairo, Ill.....	.44	.44
Dubuque, Iowa.....		.22
Council Bluffs, Iowa.....	.32	.36
Minneapolis, Minn.....	.25	.25
Moorhead, Minn.....	.60	.60
Columbus, Ohio.....	.23 via Manitowoc	.37
Cincinnati, Ohio.....	.24 " "	.36
Warren, Ohio.....	.23 " "	.38
Logansport, Ind.....	.32	.32
Columbus, Ind.....	.35	.35
New Albany, Ind.....	.36	.25
Bismarck, N. Dak.....	.37	.37
Yankton, S. Dak.....	.37	.36
Kansas City, Mo.....	.32	.36
Carthage, Mo.....	.46½	.46½
Topeka, Kan.....	.47	.47
Wellington, Kan.....	.72½	.72½
Wallace, Kan.....	.92	.92
Lincoln, Neb.....	.36	.36
North Platte, Neb.....	.87	.87
Denver, Col.....	.97	.97
Santa Fe, N. Mex.....	1.67	1.67
Choctaw, Tex.....	1.10	1.10
Houston, Tex.....	1.10	1.10
Pittsburg, Pa.....	.24 via Manitowoc	.40
Louisville, Ky.....	.37	.37
Wheeling, W. Va.....	.24 via Manitowoc	.40
Nashville, Tenn.....	.45	.45
Jackson, Miss.....	.67	.67
New Orleans, La.....	.57	.57
Tallahassee, Fla.....	.73	.73
Montgomery, Ala.....	.71	.71
Atlanta, Ga.....	.76	.76
Savannah, Ga.....	.76	.76
Raleigh, N. C.....	.63	.63
Richmond, Va.....	.32 via Manitowoc	.48
Baltimore, Md.....	.32 " "	.49
New York City, N. Y.....	.35 " "	.51
Boston, Mass.....	.39 " "	.55
Portland, Me.....	.39 " "	.55
Salt Lake City, Utah.....	1.75	1.75
San Francisco, Cal.....	1.70	1.70
Salem, Ore.....	2.10	2.10
Olympia, Wash.....	1.70	1.70

Rates are in cents per 100 lbs. Subject to
change without notice.

ILLUSTRATED
DESCRIPTIVE
CATALOGUE

AND PRICE LIST OF

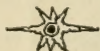
SEED • POTATOES

— AND PLANTS —

GROWN BY

J. M. SMITH'S SONS,

GREEN BAY, WIS.



Established 1865.

Reorganized 1894.



HOWARD J. SMITH,

Business Manager.

IRVING C. SMITH,

Gardener.

THE GAZETTE PRINT,
GREEN BAY, WIS.

TO OUR FRIENDS AND PATRONS.



WE are glad to be able to quote the first line of our last year's greetings as follows: "Business is better; much better than a year ago." It was true then and it is true now.

In spite of war and war taxes, in spite of some unfortunate strikes during the past year, and in spite of a few calamity howlers who are still traveling about the country shouting falsehood into the ears of all who will listen, the general tone of business is better than it was a year ago and the prospects are bright for a good season ahead.

Our business shows a very gratifying increase for the year past, and we see no reason why it should not increase considerably the coming year.

We shall endeavor, and expect to fully maintain the high standard of excellence of stock we have always had. While the potato crop was light all through this section of the country, we have a nice assortment of the best varieties, and from present indications are going to have a busy season.

We have made prices as low as seemed consistent with good business principles, in view of existing conditions, and confidently expect to satisfy our patrons in regard to quality, size, and price. We put price last, as it is with us, the least important consideration when buying seed of any kind.

In ordering please use order sheet and fill in blanks carefully so we can make no mistake in shipping.

Our terms are cash with order.

Money may be sent by any of the usual methods.

All orders acknowledged as soon as received, and goods sent soon as weather will permit, usually the latter part of March.

All inquiries answered promptly and to the best of our ability.

Wishing you success for 1899, we remain,

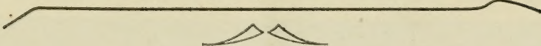
Yours Truly,

J. M. SMITH'S SONS.

J. M. SMITH'S SONS,
GROWERS of CHOICE SEED POTATOES and PLANTS.
GREEN BAY, WISCONSIN.

[illegible]

...OUR ILLUSTRATIONS...



TO aid in giving an accurate idea of the various sorts of potatoes and plants offered, we have taken photographs of stock grown on our own place. The cuts are all half tones reproduced from the photographs. We do not need a wheel-barrow to carry a single potato or an ax to cut up a strawberry, nor do our potatoes lay in wind-rows six inches deep on the ground when dug—as appears in some catalogue illustrations we might mention. We believe that truth is stronger than fiction—so we have endeavored to **illustrate facts**.

OUR DESCRIPTIONS.

For the benefit of the new and inexperienced in potato growing we give in the following pages, at least a short description of every variety of potatoes offered for sale in this catalogue.

With the addition of the cuts, we hope our patrons will be able to get a better and more nearly correct idea of each variety than here-to-fore.

CLUBS.

Remember that by combining with your neighbors, when ordering potatoes (especially if you wish only a small quantity) **you can save from ten to twenty-five per cent.** on the price of your goods. That is: If you order four pecks of one variety, send the price of one bushel, or three, bushels of one variety, send the price quoted for three bushels.

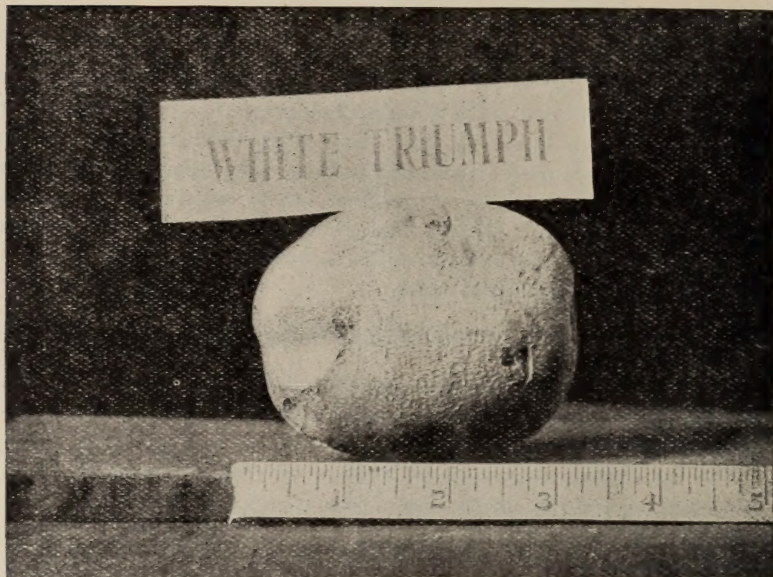
Each order will be carefully packed and marked with the variety and the purchaser's name, and all shipped together to one address as ordered.

OUR STOCK.

In most cases the tubers are not overly large this season. We think this no special disadvantage, as medium size tubers go farther in planting than very large ones.

SELECTION OF VARIETIES.

We will choose varieties for you when requested; but don't forget to say what kind of soil you have and how you wish to dispose of the crop.



Our New GREEN BAY TRIUMPH.

EXTRA EARLY.

After some deliberation we have concluded to call our new White Triumph potato, the Green Bay Triumph. As all who read our 1898 catalogue will remember, we mentioned this potato at that time, and expressed the hope of its becoming a valuable member of the potato family. We are now pleased to say that another season's trial of it has fully come up to the former trials, and we are glad to be able to offer it to our trade in small quantities this season. We feel sure that those who give it a trial will be pleased with it.

The Green Bay Triumph was originated here on our own grounds, and as we have always lived here we did not dig into Latin very far, but simply named it after our native city.

Green Bay has a bright future ahead and we feel sure this new po-

tato has. It is a beauty; and has, besides that very worthy recommendation, many other valuable points. In the first place, it was, this season, positively the earliest potato we had, the tops being dead and dry before any other variety among about thirty on our trial ground

It is a good yielder, though we should not expect it to produce, in the few weeks it takes to develop, as heavy a crop as the Banner, Rural, Carman No. 3, or any of the immense croppers among the late varieties.

It has the russet skin, so much sought after, and which adds greatly to the beauty of any white potato. Taken altogether the Green Bay Triumph is a very showy potato, and we feel sure will take a leading place among the extra earlies. (See cut for general appearance.) The foliage is heavy and bright, leaves broad and abundant. Tubers are not as close to stock as Ohio, but a little spreading in hill.

We have put the price down where any one can have a chance to try them. We consider them cheap at the price asked, when compared with most novelties in this line.

As we have only a limited supply to spare this season, we hope all our old customers will order early before they are all gone. There is sure to be money made where they are first introduced as an extra early, and we want our old friends to get the first benefit. Remember THE GREEN BAY TRIUMPH is a WHITE potato, which gives it a very marked advantage over the red variety.

PRICE BY MAIL POST ☐ PAID.

1 1/2 lb.....50c 3 lbs..... \$1.20

BY FREIGHT OR EXPRESS ☐ NOT PREPAID.

1 lb.....45c 3 lbs.....\$1.00 1/2 pk.....\$1.75 Pk.....\$3.00

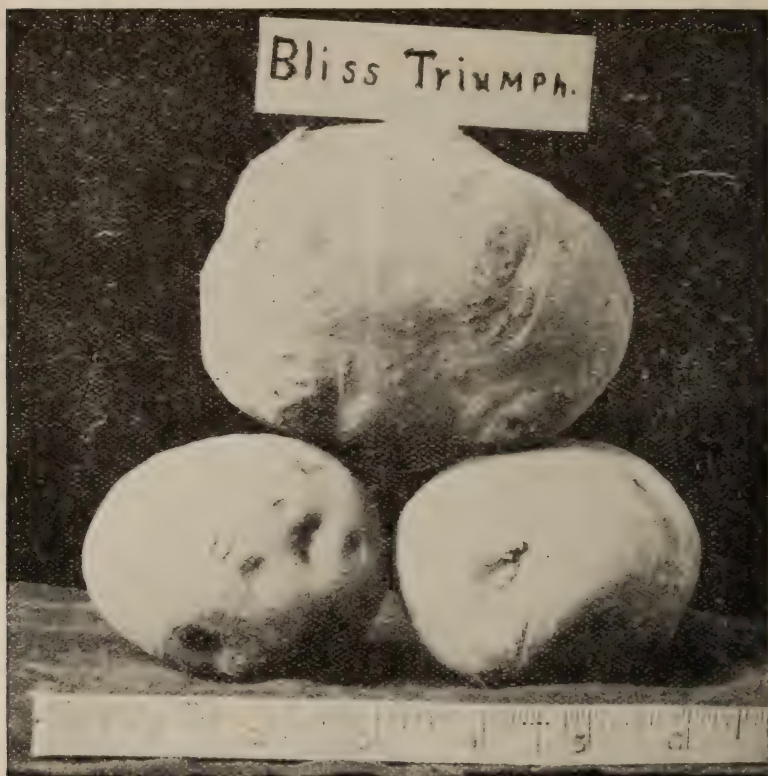
TRIUMPH GROUP—In this we have the fore-going Green Bay Triumph (white) the Bliss Triumph (red) and the Pride of the South (pink.)

As most growers know, the Triumph is the special favorite of the Southern growers and is used as a first early to ship into our Northern markets. Lots of them come here to Green Bay before any home-grown stock is brought into market.

OUR LOCATION.

200 miles North of Chicago, 250 miles North of New York, 150 miles North of Detroit, 100 miles North of Milwaukee, 50 miles North of La Crosse.

This is where you get **Northern Grown Stock**. It seems to us that about all the virtue there can be, in Northern potatoes ought to be found in ours. TRY them.



BLISS TRIUMPH, Extra Early.

Showing one large and two medium large tubers.

This is the oldest of this group and has, for some years, been the leading early potato in the South. In many sections of the country it is used as a first early to dig and market green. It is **extremely early**, earlier than any of the Ohios; a strong grower, though more easily injured by the blight than some others. The leaves are broad and the foliage presents a very fine appearance.

The tubers are nearly round, medium size, bright red or reddish pink, when dug, changing to a brownish red towards spring.

It is an excellent keeper.

Quality, with us, not up to the highest grade.

For the past few years we have planted part of our Triumph late, and have met with good success; the most satisfactory crops for seed stock having been obtained from late planting. On the twenty-first day of July, 1898 we planted about one-eighth of an acre of Triumphs which ripened well, and, to our surprise, gave us a good crop of marketable potatoes. Our stock is choice.

Price, pk 40c $\frac{1}{2}$ bu 65c bu \$1.00 3 bu \$2.70, 6 bu \$5.00
10 bu \$8.00 25 bu \$19.00.

Second size: Bu 75c 3 bu \$1.80 6 bu \$3.50, 10 bu \$5.00 25 bu \$12.00.

PRIDE OF THE SOUTH.

This is very similar to the preceding in most points except color, which is a light pink. In earliness and habit of growth it is so nearly like the fore-going as to need no description. The cut of the Bliss Triumph will give a very fair idea of the general appearance of the Pride.

The color is very much ahead of the Bliss Triumph, for every one knows a pink or flesh-colored potato will sell much better than a red one. This should be tried by every grower of early potatoes.

Our stock is fine.

Price, pk 40c $\frac{1}{2}$ bu 65c bu, \$1.00, 3 bu \$2.70, 6 bu \$5.00
10 bu \$8.00 25 bu \$19.00.

Second size: bu 75c 3 bu \$2.00 6 bu \$3.50 10 bu \$5.00.

HEBRON. Early.

This variety is so well known as to hardly need any description, will do well on almost any soil and under any conditions where a crop of any kind of potatoes can be produced. It is a long oval; color white, clouded with pink. Excellent quality. Not so late a keeper as the Ohios. Good yielder and close growing in hill.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu 90c 3 bu \$2.50 6 bu 4.50 10 bu 7.00.

SECOND SIZE: Bu 75c 3 bu 1.90 6 bu 3.60.

EARLY ROSE.

We have been trying to get a stock of "cut red" Rose, but find that because you plant red fleshed seed stock, it is no guarantee that the product will be red fleshed. This old variety is probably the best known of any sort now grown. It was the first to be introduced in its class and still holds a very high place. Our stock is only medium size this year.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu 90c 3 bu 2.50 6 bu 4.50 10 bu 7.00.

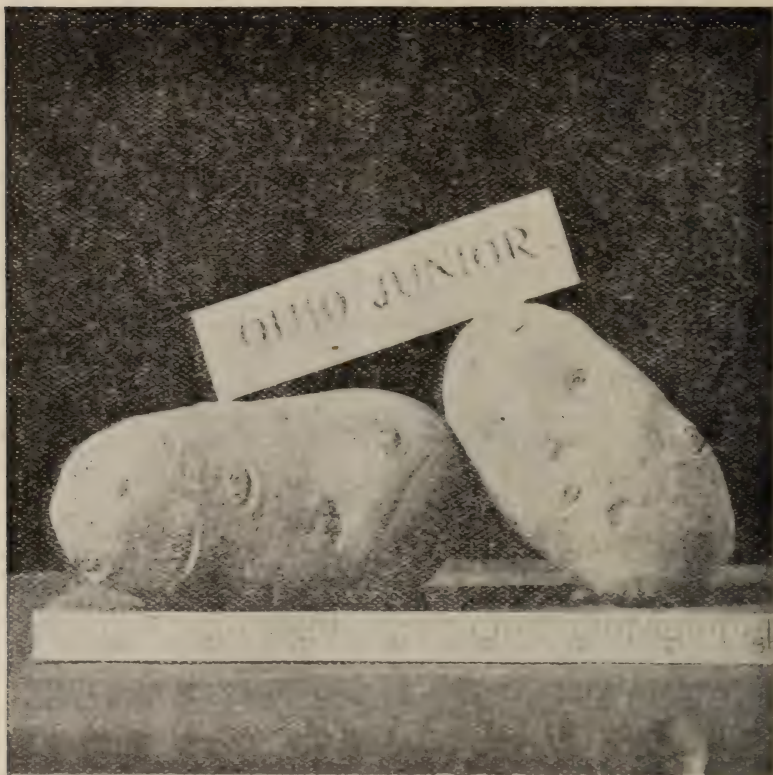
SECOND SIZE: Bu 75c 3 bu 1.75.

WORLD'S FAIR.

This is very similar to the Freeman in general appearance, though a little larger and more inclined to the round in form. The introducer claims for the World's Fair that it is the "best general purpose potato now on the market." It is of excellent quality, a perfect keeper, always smooth, and ripens about with Freeman.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu \$1.00 3 bu \$2.70 6 bu \$5.00 10 bu \$8.00

SECOND SIZE: Bu 75c 3 bu \$1.75.



A Medium Size Ohio Jr.

OHIO GROUP.

Of these we offer five varieties. The original Early Ohio, Ohio Jr., Acme, Early Market, and Six Weeks. They might all be mixed in one bin and no live man could sort them out with any degree of certainty; and yet they are sufficiently different, even in appearance so that our separate bins present a plain difference in size or form or both.

They are all of one color, a sort of brownish pink when dug, but with little of the pink left in winter and spring.

The skin of each is rough and pimpled, which is a distinctive mark of the Ohio type. In the open markets they all sell for "Early Ohio," never being quoted or known separately; just as almost any long, smooth, white potato sells as "Burbank." The Ohio is always regularly quoted in the trade bulletins, when any are to be had. None of the group do best on a mucky or swampy soil, but rather prefer the dryer sandy loam.

OHIO JR.—Extra Early.

This is a high type of the old well known Ohio. With us it is a little earlier and larger than the Early Ohio, and has usually given us a heavier crop. It is close growing with small tops and few side branches, a good yielder, and very fine to dig green. *See cut.

PRICE: Pk. 40c ½ bu 60c bu \$1.00 3 bu \$2.70 6 bu. \$5.00 10 bu \$8.00 25 bu. \$19.

SECOND SIZE: Bu 75c 3 bu \$1.80 6 bu. \$3.50 10 bu \$5.00 25 bu \$12.

EARLY OHIO—Extra Early.

This is the well known old reliable and the first of the Ohios to be introduced. It is standard in almost any market and in the first half of the season usually brings a little more per bushel than anything else.

We have grown it for 15 to 20 years and have, several times, gotten a crop of over 400 bushels per acre. In the season of 1889 we grew 1735 bushels of Early Ohio potatoes on exactly four acres of ground.

PRICE: Pk. 40c ½ bu 60c bu \$1.00, 3 bu \$2.70, 6 bu \$5.00
10 bu \$7.50 25 bu \$18.

SECOND SIZE: Bu 75c 3 bu \$1.80 6 bu \$3.50, 10 bu \$5.00 25 bu \$12.

EARLY MARKET—Extra Early.

In form, the Early Market is the longest of the group, though a perfect Ohio type with the same rough skin, and oval form. It is smooth and of good quality.

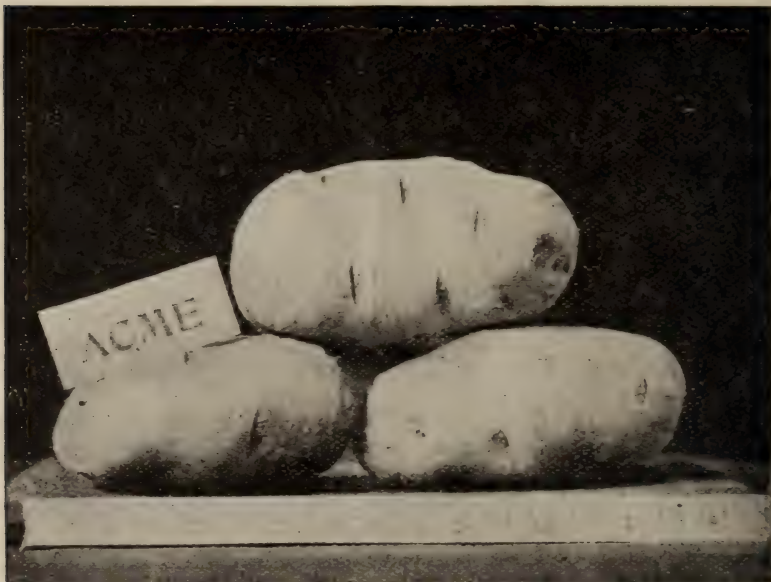
We dislike to present so many varieties which so closely resemble each other as the Ohio types do, but we have in the past had quite a number of calls for this and so have added it to our list. We do not believe in multiplying varieties to no purpose. This is very similar to the Ohio, though we think it has no special advantage over it.

PRICE: Pk. 40c ½ bu 60c bu \$1.00 3 bu \$2.70 6 bu \$5.00 10 bu \$8.00
SECOND SIZE: Bu 80c 3 bu. \$2.00.

POTATO EYES BY MAIL.

For \$1.00 we will send post-paid, 50 good strong eyes, ten each of any five varieties, or five each of any ten varieties on our list except Green Bay Triumph, each kind carefully labeled and packed.

These eyes will produce good crops and enable our customers residing at a great distance to get a start with valuable new or standard varieties at a trifling expense.



Medium Size Acme Grown on Heavy Soil.

ACME. Extra Early.

We consider the Acme as one of the very best of the group. It is with the Junior in earliness while in size it is fully up or a little ahead.

It is claimed by the introducer to be at the very top in earliness, size, form, and productiveness. We have grown the Acme for several years and it is certainly a very fine potato.

We are sorry not to have a larger stock, but the excessive summer rains nearly destroyed the potatoes on some of our land; and the Acme was one to suffer.

Our stock was grown on heavy soil.

PRICE: pk. 40c hf. bu. 60c, bu. \$1.00 3 bu. \$2.80 6 bu. \$5.50
10 bu. \$8.50 25 bu. \$20.00.

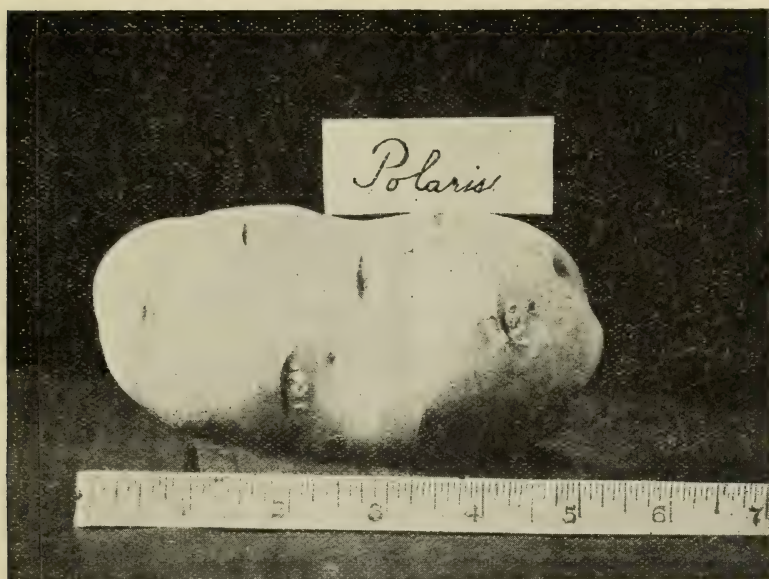
SECOND SIZE: Bu. 80c 3 bu. \$2.00 6 bu. \$4.50 10 bu. \$6.50.

SIX WEEKS. Extra Early.

This has not shown up quite so well as the other members of the group. With us it is not so large as the Junior or Acme and seems to be a little inclined to roughness. In earliness it is not quite what its name might indicate, but is a close second to the preceding.

PRICE: Pk. 40c ½ bu. 60c bu. \$1 3 bu. \$2.70 6 bu. \$5.00
10 bu. \$8.00.

SECOND SIZE: Bu. 80c 3 bu. \$2.00.



POLARIS—Early.

We consider this the best early LONG white potato we have ever grown. It is smooth, perfectly white, good size, not immense, and a good yielder. The quality is very fine. It is not so late a keeper as the round earlies.

To any one who wants an early long white potato we recommend the Polaris for the place. It follows the Early Ohio very closely in earliness and is a very worthy second. It is not inclined to be hollow, like some of the Ohio varieties when forced to large size.

PRICE: Pk. 40c hf. bu 60c bu \$1.00 3 bu \$2.70 6 bu \$5.00
10 bu \$8.00.

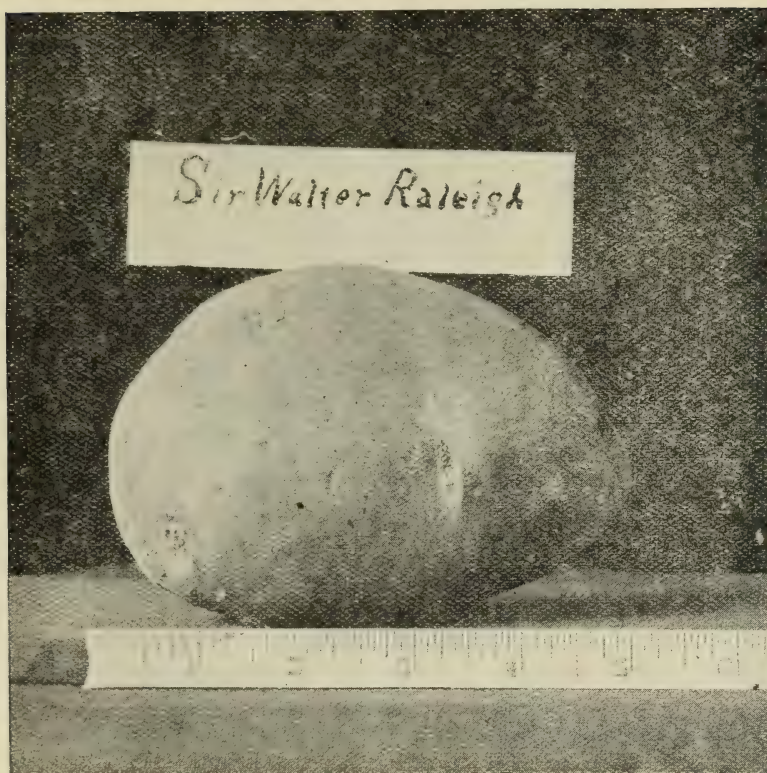
SECOND SIZE: bu 75c 3 bu \$1.75 6 bu \$3.00.

BURBANK.

This is the old standard long white potato. It is medium season, smooth, good size and very handsome on the markets. The Burbank usually brings more on the open market in the fall than any other variety. Of course any smooth, long, white, goes for Burbank in the trade bulletins. It thrives best on sandy soil. Very fine for baking.

PRICE: Pk. 40c hf. bu 60c bu 90c 3 bu \$2.50 6 bu \$4.50 10 bu \$7.00.

SECOND SIZE: Bu 75c 3 bu \$1.75.



SIR WALTER.

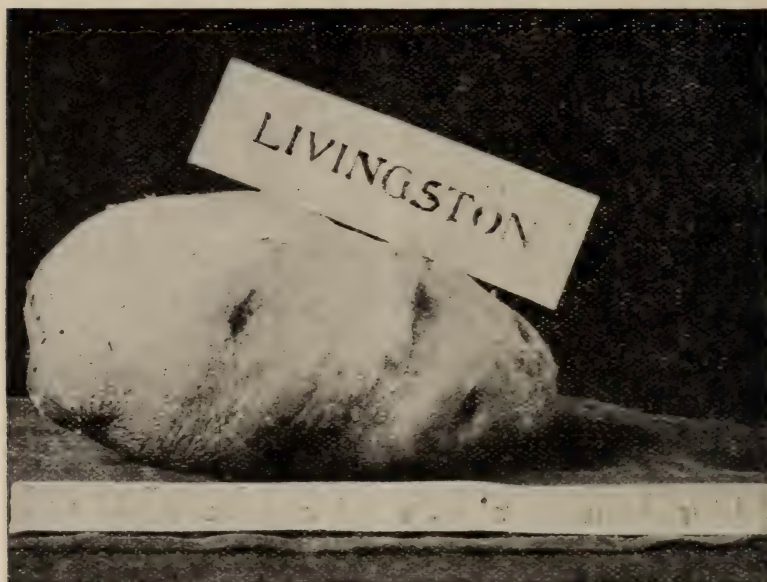
This is one of the new introductions of the large late type, being similar to the Banner and Rural. In form the Sir Walter is of the flat oval style, white skin, smooth and sleek in appearance.

In habit of growth, we notice first, the tops, which were the heaviest of any kind we had on our ground the past season. They are very spreading and when ripe do not break so easily as the other varieties. While digging with our "Hoover" the tops would drag like so much clothes line, and in a few instances clogged the digger. The tubers are not so much spread in the hill as some sorts, though not so close as Ohio or Hebron.

The cut shows the typical shape, though in our light soil some of the larger tubers are longer.

The introducers claim for the Sir Walter that "it is the best of Mr. Carman's introductions. In most respects it closely resembles the Rural but is more uniform and yields practically no small tubers."

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu \$1.00 3 bu \$2.70 6 bu \$5.00 10 \$7.50.
SECOND SIZE: Bu 75c 3 bu \$1.75.



LIVINGSTON.

This is the White Seneca Beauty. It is, however, not entirely white, having a few, more or less, pink streaks and pink eyes. It gave us a fine crop of large, smooth potatoes. In time of ripening it will be classed as medium season. In habit of growth it is vigorous and strong, with pretty large tops, grows reasonably close in the hill. We think it valuable. Try it.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu \$1.00 3 bu \$2.70 6 bu \$5.00 10 bu \$7.50

SECOND SIZE: Bu 75c 3 bu \$1.75.

FREEMAN.

This much advertised potato was introduced eight or ten years ago and is a very fine variety for home use. It is perfectly smooth, pure white, medium size and of most excellent quality. It is especially desirable as a spring potato, as it keeps longer than most high grade table stock. Sometimes it sets rather too freely in the hill which tends to make too many small tubers. Medium season.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu \$1.00 3 bu \$2.70 6 bu \$5.00 10 bu \$8.00

SECOND SIZE: Bu 75c 3 bu \$1.75.

MAULE'S EARLY THOROUGHbred.

This is of the Rose type, has been very much advertised and sold at high prices at first. With us it made no very remarkable record this season, and we fail to see, as yet, where it has any great advantage over the Rose. The Thoroughbred is of the rose color, long, eyes somewhat depressed though not very numerous. Our stock is medium size.

PRICE: Pk 40c $\frac{1}{2}$ bu 55c bu 80c 3 bu \$2.25 6 bu \$4.25 10 bu \$6.50.

SECOND SIZE: Bu 75c 3 bu \$1.75.

CARMAN NO. 3—Medium Late.

We think this potato is very much ahead of the Carman No. 1 in several important points. The No. 3 is larger, oval to long and is a little irregular in form; some tubers being nearly round while others are rather long. Color is white, somewhat russeted; the eyes are a very little depressed. In yield it rates well up, though not equal to the Banner. We notice it does much better in some places than in others, but are not at present prepared to say just what condition is most favorable for a big crop. It is a good keeper,

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu 90c 3 bu \$2.50 6 bu \$4.50 10 bu \$7.00.

SECOND SIZE: Bu 75c 3 bu \$1.75 6 bu \$3.50.

RURAL NEW YORKER.

The cut of the Banner will illustrate the Rural very well too. In form and habit of growth anything that is true of the Banner is true of the Rural with very little change. The Rural is not quite so large and is a little more spreading in the hill. Were you to mix the Rural, Banner and Sir Walter it would be impossible to sort them.

The best crop of potatoes the writer saw this past season, was a crop of Rurals just being dug on a mucky swamp just cleared, and they were elegant.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu 80c 3 bu \$2.25 6 bu \$4.25 10 bu \$6.75
25 bu \$16.

SECOND SIZE: Bu 65c 3 bu \$1.75 6 bu \$3.50.

For Other Currants See Page 19.

PRINCE ALBERT—Red.

This is not so large a bush, but a little larger berry. The bush grows about four feet high and has many small twigs. It is also later to leaf out in the spring making it very easy to distinguish the two varieties.

The fruit is borne on a shorter and more compact bunch than the Holland, with the same tough skin, but a little lighter color, and always brings the "top of the market."

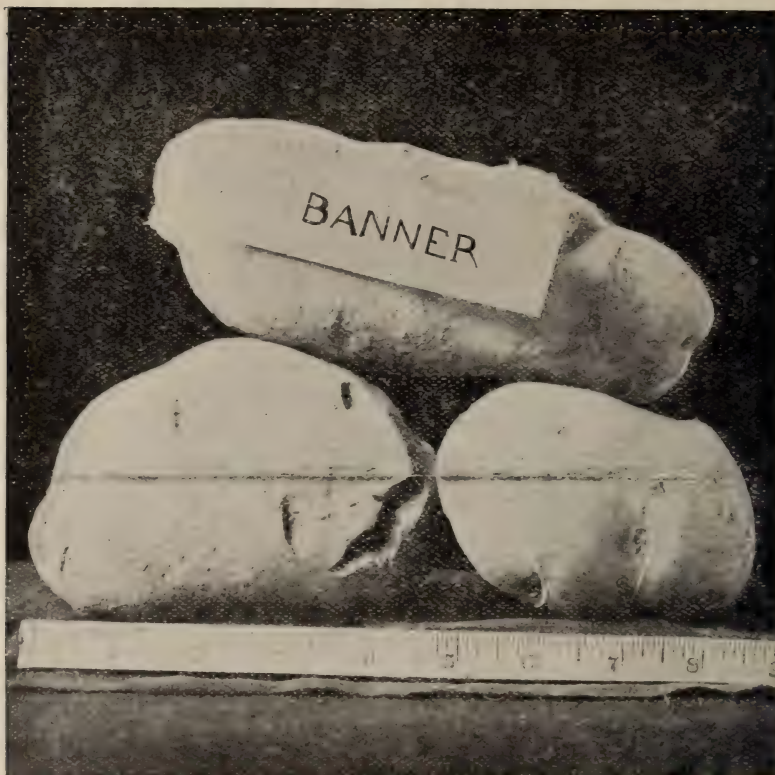
LEE'S PROLIFIC—Black.

We have a few of these. They are recommended to us as the best variety of black now in market. They start very readily from slips.

Price Holland and Prince Albert, elegant bushes, each 10c per doz. 75c per 100 \$5.00.

Lee's Prolific, 2 years old, very fine, each 8c dozen 60c.

Canes of either variety (will cut two to three good slips) 25 canes 40c 100 canes \$1.00 1,000 canes \$8.00.



BANNER—Grown on Haevy Soil.

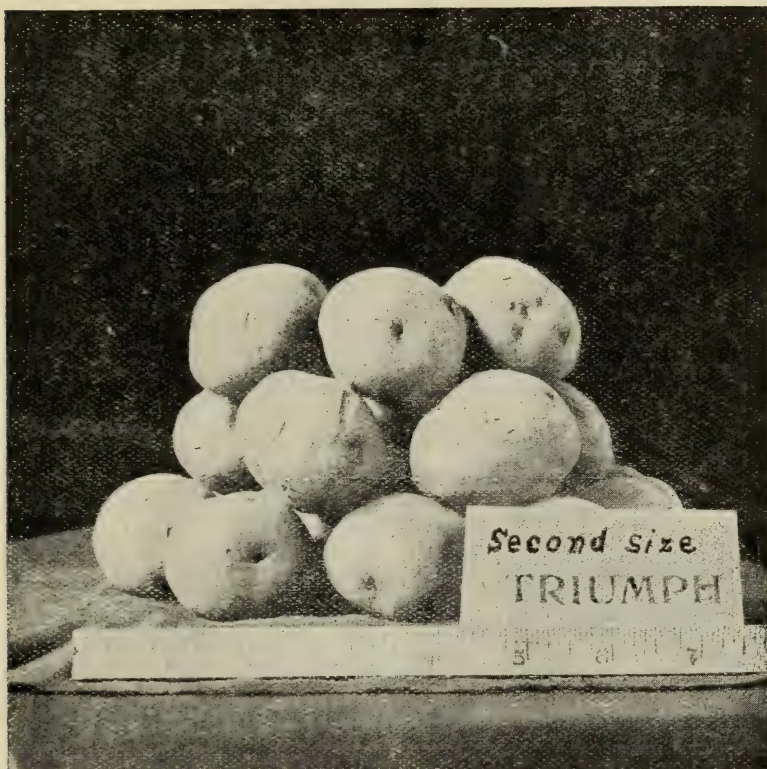
The above cut shows a medium size typical form, and two larger tubers not so perfect in form.

We consider this the best of the late potatoes, unless it be the Sir Walter, which we have not grown enough to be able to say exactly on that point. The Banner has habitually given us the heaviest crop of any sort on our grounds since we have grown it. No one who grows late potatoes should be without the Banner. It is an excellent keeper, and a good seller. In spring it will take the trade without half trying.

In habit of growth it is strong and vigorous with spreading tops. The tubers are somewhat spreading too, but not enough to be a serious drawback. The Banner does well in neary any soil and is not easily destroyed by blight. We consider this ahead of the Rural in productiveness and size, and urge our friends who have not had it, to try the Banner for a late, heavy crop, long keeping potato.

PRICE: Pk 40c $\frac{1}{2}$ bu 60c bu 80c 3 bu \$2.25 6 bu \$4.25 10 bu \$6.75
25 bu \$16.

SECOND SIZE: Bu 65c 3 bu \$1.75 6 bu \$3.50 10 bu \$5.00.



SECOND SIZE POTATOES.

We have put in a cut of a plate of "second size" potatoes, not to show the form but the size, which one may plainly see by comparing the tubers with the tape line.

Now just a little about planting second size stock. We have planted second size several times and have sometimes been able to see no difference in the crop and sometimes there has appeared to be a slight difference in favor of the large tubers. Many growers prefer the seconds because it costs less for seed, claiming they are equally good. We think this is true when applied to a single crop, provided the second size seed was grown from large tubers. To continue planting the small tubers over and again from the same stock we think would be disastrous.

For this reason we plant only choice large tubers to grow seed stock, (except it be in some special case) desiring to give all possible strength to the crop produced.

Bear this in mind when ordering. The second size potatoes offered are the few small tubers one always gets in any crop; not small because poor stock was planted.

When second size stock is sold out, which is usually before the No. 1, we will fill orders with the same value of No. 1.

RHUBARB—Pie Plant.

Set plants as early in the spring as the weather will permit, and allow the plants to grow one season without "pulling."

MAMMOTH GREEN.

This is very large and of a green color. The stalks grow eighteen to twenty-four inches long and many of them weigh over a pound each after the leaf has been cut off. We have a lot of very fine large plants.

PRICE: Fancy large plants each 10c. Per doz. 80c Per 100 \$5.00.

Medium Size, healthy plants, per doz. 50c.

GIANT RED.

This comes under several different names, Linnaeus, St. Martins and Victoria. But as seed sown from any of the fore-named sorts does not produce a single variety, but a mixed lot of all colors, from green with a slight tinge of pink to a bright red, with as many different shapes and styles of growth; it makes little difference what you call it, you still have a mixed lot. We have all three and in digging roots for market, take those which seem to be the strongest and best.

PRICE: Fancy large plants, each 10c Per doz 60c Per 100 \$4.00

ASPARAGUS.

This is a vegetable which ought to be in every home garden. It is something which is liked by nearly every one and costs but little to care for a bed large enough to supply the average family—100 plants is what we usually sell for a family bed.

The soil should be very rich and plowed deep. Set in rows 3 or 3½ ft. apart and about 15 inches in the row. To set the plants dig trenches the width of a common shovel and 6 to 8 inches deep according as you wish to put manure in the bottom or not. Set the plants with the roots well spread and deep enough so as to have about 5 inches of soil above the crown, and cover up the trenches. Let the plants grow one season before cutting. Sandy soil is best. Bed will last for generations.

PRICE: Palmetto and Donalds Elmyra, 2 yrs old, per 100, \$1.00. 1 yr old per 100 75c.

Columbian White, 1 yr old only, per 100, 75c.

STRAWBERRIES.

—We grow strawberries for fruit and not for plants, so we have only a limited stock of plants to spare at any one time. In growing for fruit we do not wish the plants too close together, so they are larger than where one grows them very thickly on the ground. We strive to have what plants we sell of the very best grade, that is, strictly fancy, consequently we are not in the \$2 per 1000 business. We usually have from 15 to 20 varieties on our place, most of which are in the experimental stage. For our standard at present, we are using the Warfield, fertilized with Wilson and Beder Wood.

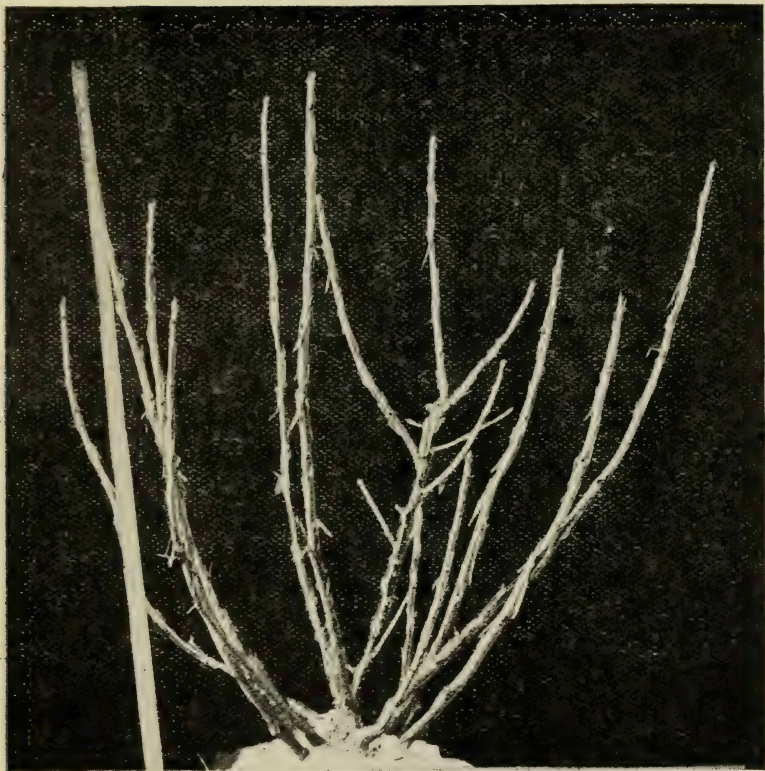
PRICE: Wilson—Very fine plants per 100 \$1.00 Per 1000 \$8.00.

Beder Wood—Fine plants, per 100 75c Per 1000 \$6.50.

Warfield—Liable to be slightly mixed with Wilson and Wood, fine plants, per 100 75c Per 1000 \$6.00. Warfield plants are always small.

Van Deman doz 25c 100 \$1.00 Gandy—doz 25c 100 \$1.00.

Wm. Belt—doz 50c 100 \$2.00 Parker Earl—doz 25c 100 \$1.00.



This is the kind of Bushes We Offer.

CURRENTS.

We have the Long Bunch Holland and Prince Albert varieties as our standard. In answer to the question which variety of currants is best? an old and experienced grower of our acquaintance replied: "Prince Albert, next for dollars Holland."

The wood is very hard and so does not start very easily from slips. Very likely this fact may be one reason why we seldom see them quoted.

Set currant bushes as early in spring as possible, or when leaves are falling in fall.

LONG BUNCH HOLLAND-Red.

This kind grows from five to six feet high, while canes two inches in diameter at the butt are not uncommon where the bushes are allowed to grow to their full size; and if set six feet apart (as most of ours are, they will overlap considerable.

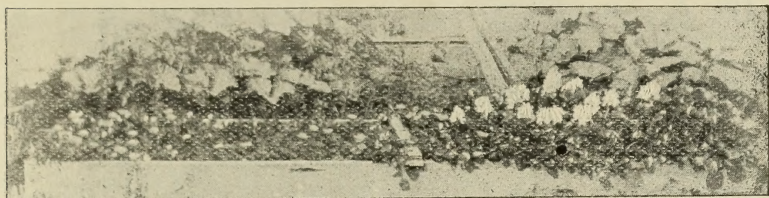
The fruit is borne in long clusters (as the name indicates) and is of good size and a bright red color. The skin is tough, which makes it a good shipper and a long keeper. The bushes begin bearing when about four years old.

(For Other Currants and Prices See Page 15)



This cut shows a part of one of our Lilly tanks. The leaves standing out of the water, and also the two flowers on the left are of the Egyptian Lotus. The leaves on the surface of the water are of the Nymphaeas.

Nymphaeas may be successfully grown in tubs by putting 4 or 5 inches of rich soil well mixed with rotted manure in the tub and setting plant; then sprinkle on one half inch to one-inch of clean sand to keep water from becoming roily. Fill tub with water and you are done. Set tubs where the sun is hottest and keep filled with water.



Water Poppies.

Tender Aquatics.

Water Hyacinths.

EICHHORNIA CRASSIPES MAJOR—Water Hyacinth.

This beautiful plant floats on the surface of the water and bears spikes of delicate lilac hued flowers similar to, but larger than, the garden hyacinth. It grows best in about 3 inches of water so the roots may reach soil below.

It may be taken up when in bud, and set in a dish of water for window decoration, without checking its development. Very free bloomer.

Price 15c each. 4 for 50c.

LIMNOCHARIS HUMBOLDTI—Water Poppy.

This is a very pretty little plant with floating oval leaves. The bright yellow flowers with three large petals, stand out of water 2 to 4 inches and are born in great numbers.

Price 15c each. 4 for 50c.

MYRIOPHYLLUM PROSERPINACOIDES—Parrot's Feather.

This is a beautiful trailing plant grown in shallow water. Its long trailing stems are covered with fine, hair-like leaves of a delicate green. It is highly recommended for hanging baskets and lawn vases. We have, as yet, had but little experience with it.

Price 15c each. 4 for 50c.

HARDY NYMPHAEAS—Water Lillies.

N. ODORATA—Native. The well known white water Lilly of Wisconsin. Its pure waxy whiteness and delightful fragrance are known to nearly every one and need not to be described.

Price each 25c. 3 for 60c.

N. ODORATA—Eastern. This varies from our native variety, being not so heavy in stem and leaf, and has a slight tinge of pink at the base of the petals. Flowers not quite so large. Very fine—good bloomer.

Price 20c each. 3 for 50c.

N. O. MAXIMA. This is quite distinct from the two foregoing. The flowers are large, and of the purest white, with deep green sepals. Petals very numerous. Buds short and thick. Very vigorous grower. Delightful fragrance.

Price 50c each.

N. O. CAROLINIANA. This is of a beautiful delicate light pink shade growing deeper toward the base of the petals. The flowers are large and most superbly fragrant and beautiful. It is a strong grower and a grand variety.

Price \$1.50 each.

N. O. ROSEA—Cape Cod Pink. This is similar in growth to the Odorata with the addition of a beautiful deep pink color to the bloom, most exquisite indeed: a free bloomer, and in fragrance it is not excelled by any.

Price each 50c. 3 for \$1.25.

N. O. SULPHUREA. This is a very strong free blooming variety of a bright sulphur yellow color, producing a great number of large, lovely, fragrant flowers which stand a few inches out of water. We have frequently had from ten to twenty buds and blossoms on a single plant at one time. Leaves are mottled with brown.

Price 50c each. 3 for \$1.25.

N. PYGMAEA. The smallest variety in cultivation. Leaves are about 3 inches across and the flowers, which are pure white and produced freely, are about the size of a half dollar. Has but little fragrance.

Price 25c each. 3 for 60c.

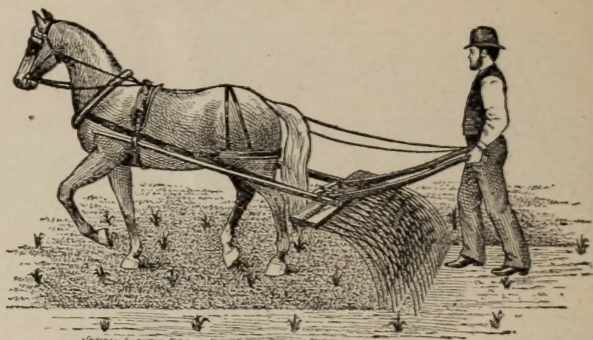
PONTERERIA CORDATA—Pickeral Weed.

This is a hardy water plant with leaves similar in form to the common calla. It grows about 2 ft. high and produces numerous spikes of purplish blue flowers. 15c each. 4 for 50c.

Collection of 1 plant each of the eleven aquatics offered for \$3.75

THE Z. BREED WEEDER,

MANUFACT-
URED
BY



THE Z. BREED WEEDER CO. BOSTON, MASS.

YOU can raise **Larger Crops** with **Less Labor** if you will only use this Weeder. It is the best made and best working Weeder now made. Thousands in use in all crops. Our Onion Weeder is a Great Success.

TESTIMONIALS.

For cultivating strawberries and other berries when first set, and in fact, for a good part of the season, for corn, potatoes, and beans, for loosening the soil on fields of wheat or oats, in fact, for use anywhere while plants are small and weeds unborn, it cannot be surpassed.

Bellevue, Mich.

S. W. GIBSON.

The weeder purchased of you last spring is giving perfect satisfaction. I used it on corn and potatoes, on sandy soil. The season was very dry, but by frequently stirring the surface to prevent evaporation, I raised three hundred bushels of potatoes per acre. For this shallow cultivation I consider the Zephaniah Breed Weeder the best tool made.

Shiocton, Wis.

H. A. BOYNTON.

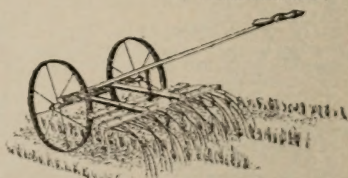
I used your Weeder on corn, potatoes, beans, marigolds, and sugar beets almost exclusively, and I find that it does all you claimed for it. In fact, I can do more and better work with it than a dozen men can do with hoes. Mine paid for itself on an eight-acre field of corn this year in the increase of crops alone, the season being very dry. It is just the tool for dry weather. I would not trade it for a dozen Planet, Jr. cultivators.

Seymour, Wis.

F. C. BALLHEIM.

AFTER a complete and thorough trial of your No. 8 or Market Gardeners' Weeder in our onion field, the past summer we would say we are more than pleased with it. Our onion beds are of loose muck, very prolific of weeds, and where usually we are obliged to knee weed from three to five times, this season with the Weeder, no bed was knee weeded more than twice and one bed of one and a half acres not at all, something unheard of in this section on muck soil. When conditions are right a man will work four acres per day with the machine. It is a labor saver.

J. H. COOK,
W. W. COOK. □



Market Gardeners' Weeder.

WRITE TODAY FOR CIRCULARS.

Get agency and your Weeder at agent's price. You can sell lots of them.

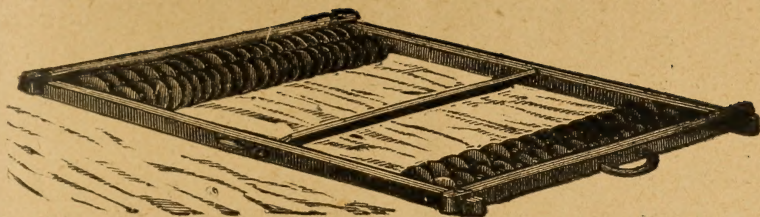
Address Desk 22.



THE Z. BREED WEEDER CO.

[26 Merchants' Row, Boston, Mass.

For Sale at Retail by J. M. SMITH'S SONS, Green Bay, Wis.



C. A. Meeker's Patent Smoothing Harrow.

The frame is square, 6 ft. 8 in. by 6 ft. 1 in. with four sets of rollers, having 58 disks, 8 in. in diameter on them.

On the two forward rollers the disks are 6 inches apart, and on the two rear rollers 3 inches apart. The disks on each set of rollers work between each other.

The board in the center is set at an angle, is adjusted up and down, and acts as a leveler.

The disks grind all lumps so fine that seed must come up, and mashes small stones below the surface better than any field roller; it levels the ground at the same time, which a field roller does not do.

List Price - **\$25.00** **Discount** %

ONION SEED DRILL.

Sows 2 rows at a time, 12 or 14 inches apart, marking, sowing and covering by same operation.

List Price - **\$10.00** **Discount** %

The only Onion Seed sown in this section is the Southport Red, White or Yellow Globe. This not in name only, but in quality and shape. Great care is taken to select the best shape and color to set for seed. Often not over four quarts in a barrel of onions from a good crop are selected as good enough for seed. The result is that the Southport Globe Onion is known to every seedsman in the country by its superiority over every other known variety; but many seeds are sold as such in the market that do not grow Southport Globe. It is therefore very important to know what seed you sow.

Our onion seed has all been tested by our State Agricultural Experiment Station. You can rely on obtaining just what you order. We have a limited quantity only, therefore order early.

Will quote price to any one desiring onion seed.

We are also Manufacturers of

**Hand-Wheel Hoes, Double Onion Seed Drills,
Weeders, Etc.**

C. O. JELLIFF & CO.,

Send for Catalogue.

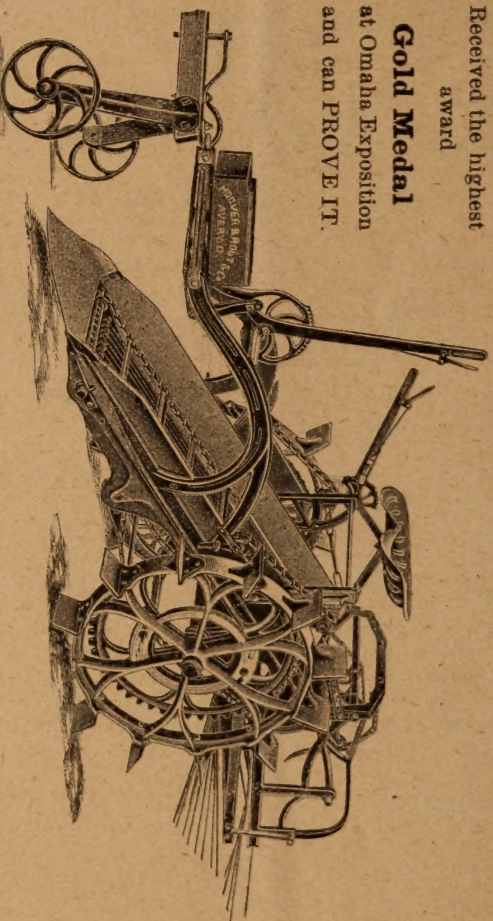
SOUTHPORT, CONN.

... HOOVER POTATO DIGGER ...

Used by **TERRY, CHAMBERLAIN, L. L. OLDS, L. L. MAY & CO.,**
GRANT, J. M. SMITH'S SONS, CURRIER,
And 400 other progressive farmers in Wisconsin and 1000 other good farmers in the west.

Received the highest
award

IT IS
Gold Medal
at Omaha Exposition
and can **PROVE IT.**



WE HAVE A
SPECIAL
MACHINE

FOR
STONY,
HILLY
GROUND.

HOOVER, PROUT & CO.,
Send for Circulars and Mention This Catalogue.
AVERY, OHIO.